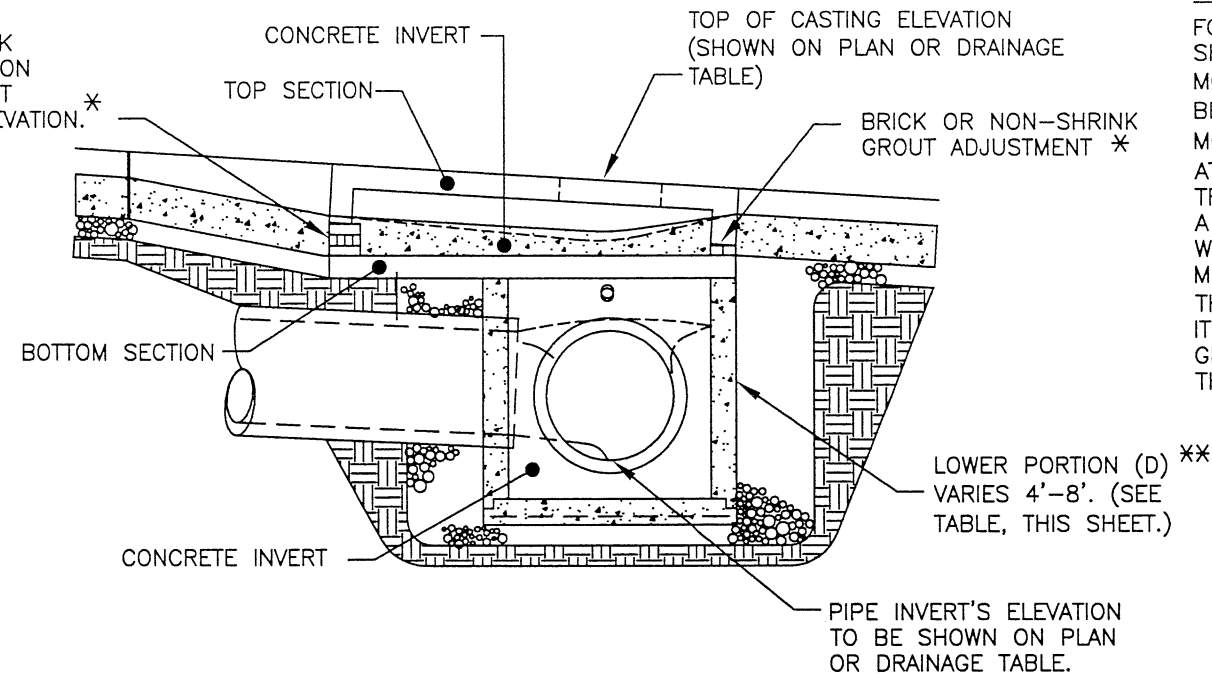


PLACE BRICK OR NON-SHRINK GROUT TO ADJUST TOP SECTION ELEVATION TO PROPERLY MEET ADJACENT TOP-OF-CURB ELEVATION.\*



SECTION A-A

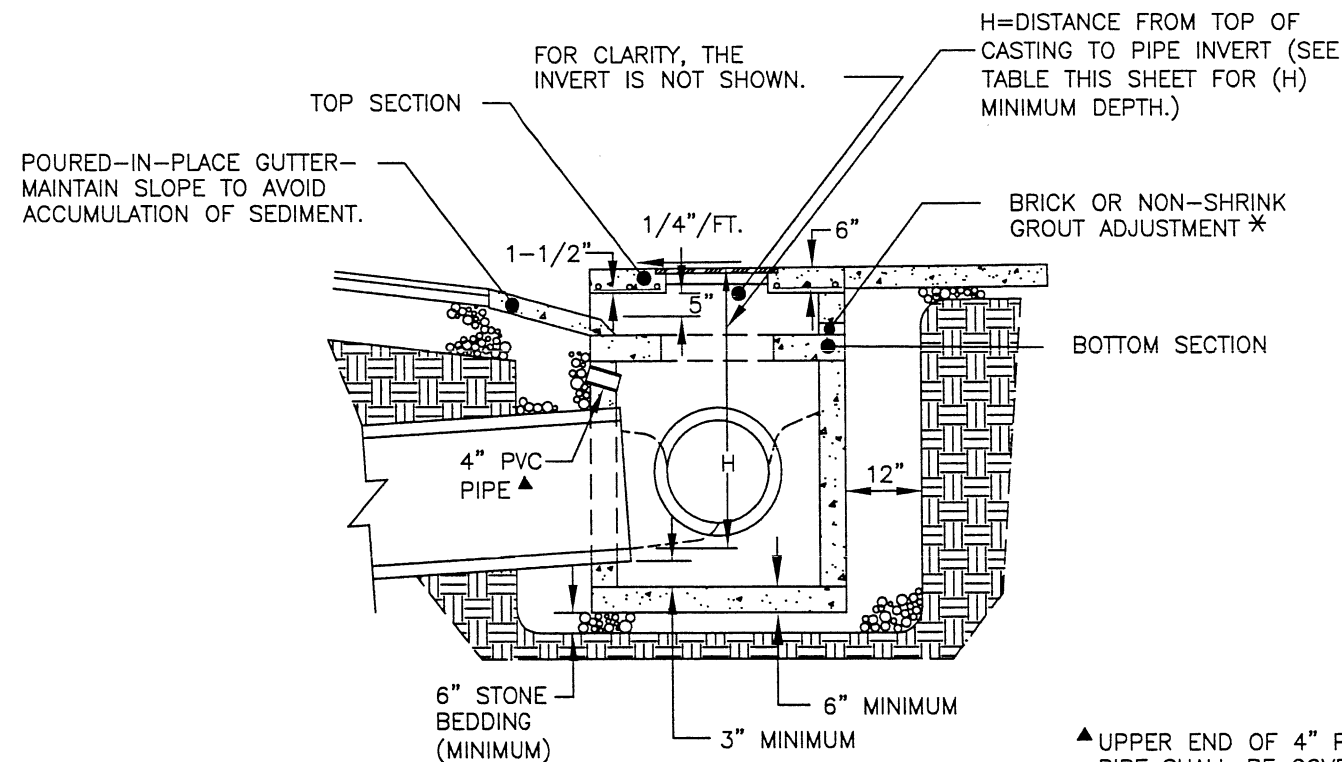
\* ADJUSTMENTS

FOR BRICK ADJUSTMENT CONSTRUCTION, JOINTS SHALL ALWAYS BE COMPLETELY FILLED WITH MORTAR. VERTICAL MORTAR JOINTS SHALL NOT BE MORE THAN 3/8" THICK AND HORIZONTAL MORTAR JOINTS NOT LESS THAN 3/8" THICK AT THE INSIDE FACE. INSIDE JOINTS SHALL BE TROWEL STRUCK, FLUSH JOINTS TO PROVIDE A SMOOTH, CLEAN SURFACE, WHILE OUTSIDE WALLS SHALL BE ENTIRELY COVERED WITH MORTAR FOR A SMOOTH, CLEAN SURFACE. IF THE REQUIRED ADJUSTMENT IS LESS THAN 3", IT SHALL BE MADE BY PLACING NON-SHRINK GROUT TO OBTAIN THE PROPER ELEVATION AT THE TOP OF THE SLAB.



NOTES

1. THE LOWER PORTION (ROUND, PRE-CAST MANHOLE) SHALL BE CONSTRUCTED TO MEET A.S.T.M. C-478.
2. MANHOLE STEPS ON 16" CENTERS SHALL BE PROVIDED WHEN THE CURB INLET DEPTH EXCEEDS FOUR (4) FEET.
3. THE MANHOLE FRAME AND COVER SHALL BE ACHESON FOUNDRY CASTING A-2522-41C OR EQUAL.
4. THE WORDS "NO DUMPING-DRAINS TO RIVER" ARE TO BE ON THE TOP SIDE OF EACH COVER. (SEE SD-301.03.)
5. CATCH BASIN FRAMES, BACKS, AND GRATES THAT ARE REMOVED BY THE CONTRACTOR SHALL REMAIN THE PROPERTY OF THE OWNER.
6. THE TOP SURFACE OF THE TOP SECTION SHALL HAVE A BROOM FINISH TO MATCH THE EXISTING OR PROPOSED SIDEWALK.
7. THE BOTTOM SECTION MAY BE RECTANGULAR.



SECTION B-B

PIPE SIZE	(D) LOWER PORTION INLET DIAMETER **	(T) WALL THICKNESS	(H) MINIMUM DEPTH
		CONCRETE	
12"	4'	5"	3.75'
15"	4'	5"	4.0'
18"	4'	5"	4.25'
21"	4'	5"	4.75'
24"	4'	5"	5.0'
30"	4'	5"	5.5'
36"	5'	6"	6.75'
42"	6'	7"	7.25'
48"	6'	8"	7.75'
54"	7'	7"	8.3'
60"	8'	9"	8.8'
SPAN   RISE			
23"x14"	4'	5"	4.0'
30"x19"	4'	6"	4.25'
38"x24"	5'	6"	5.75'
45"x29"	6'	7"	6.25'
53"x34"	7'	8"	6.75'
60"x38"	8'	9"	7.0'

\*\* DIAMETER OF LOWER PORTION SHALL MEET MINIMUM DIAMETER (D) AS LISTED ABOVE. DIAMETER IS BASED ON PROPOSED PIPE SIZE. A PRECAST TRANSITION SLAB WILL BE UTILIZED TO ACCOMMODATE THE USE OF THE TOP PORTION AS SHOWN AND DIMENSIONED ON THIS DETAIL.

CITY OF CHATTANOOGA AND HAMILTON COUNTY  
CURB INLET (PRECAST CONCRETE)

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